Recombinant Full Length Human LPAR5 Protein

Cat. No. LPAR5-5972HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human LPAR5 full-length ORF (NP_065133.1) recombinant protein without tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	295 amino acids
Description	This gene encodes a member of the rhodopsin class of G protein-coupled transmembrane receptors. This protein transmits extracellular signals from lysophosphatidic acid to cells through heterotrimeric G proteins and mediates numerous cellular processes. Many G protein receptors serve as targets for pharmaceutical drugs. Transcript variants of this gene have been described.[provided by RefSeq
Form	Liquid
Molecular Mass	41.3 kDa
AA Sequence	MLANSSSTNSSVLPCPDYRPTHRLHLVVYSLVLAAGLPLNALALWVFLRALRVHSVV SVYMCNLAASDLLFTLSLPVRLSYYALHHWPFPDLLCQTTGAIFQMNMYGSCIFLMLI NVDRYAAIVHPLRLRHLRRPRVARLLCLGVWALILVFAVPAARVHRPSRCRYRDLEV RLCFESFSDELWKGRLLPLVLLAEALGFLLPLAAVVYSSGRVFWTLARPDATQSQRR RKTVRLLLANLVIFLLCFVPYNSTLAVYGLLRSKLVAASVPARDRVRGVLMVMVLLAG ANCVLDPLVYYFSAEGFRNTLRGLGTPHRARTSATNGTRAALAQSERSAVTTDATR

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	PDAASQGLLRPSDSHSLSSFTQCPQDSAL
Applications	Antibody Production Functional Study Compound Screening
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	25 mM Tris-HCl of pH8.0 containing 2% glycerol.

GENE INFORMATION

Gene Name	LPAR5 lysophosphatidic acid receptor 5 [Homo sapiens]
Official Symbol	LPAR5
Synonyms	LPAR5; lysophosphatidic acid receptor 5; G protein coupled receptor 92 , GPR92, GPR93; KPG_010; LPA5; LPA-5; LPA receptor 5; G protein-coupled receptor 92; G-protein coupled receptor 92; G-protein coupled receptor 93; GPR92; GPR93;
Gene ID	57121
mRNA Refseq	NM_001142961
Protein Refseq	NP_001136433
MIM	606926
UniProt ID	Q9H1C0

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